Public Works (1905) Department.

G.O., No. 558 I.

DATED 9th June 1905

12/6/05

[Despatch Abstract.]

Head-sluice to the Kother Anicut, Madura Division

The estimate, amounting to Rs 4890, for constructing a — and excavating a channel therefrom, sanctioned.

100/4

F.E.J.

Registered 10.6.05

Indexed 10/6/05

M.R.O. 1—4,002—16-9-48.

(1) Number of pages ______

(2) Date of repair ______

(3) Initials of the Referencer ______

MADRAS RECORD OFFICE

Government of Madras

Public works DEPARTMENT

G.O. No. 1708 Press

~~B.P. No.~~ ~~Mis.~~

24-25

Dated 2 4 1873.

Not to be folded or roughly handled

IRRIGATION.
ACCOUNT.

Government {1905} of Madras.

PUBLIC WORKS.

Recd.	} 1905.	*Enclosures*	
Regd.		*Spare copies*	

G.O., No. 558 I., 9th June 1905.

JUNE.

Head sluice to the Kottur Anicut, Madura Division

An estimate, amounting to Rs. 4,890, for constructing a — and excavating a channel therefrom, sanctioned.

Proceedings of the Madras Government, Public Works Department, 2nd July 1873.

No. 24. Read the following Circular of the Government of India, Public Works Department, (Establishment—General,) dated Simla, 19th May 1873, No. 28 :—

The Governments of Bengal, North-Western Provinces and the Punjab, in the Buildings and Roads and Irrigation Branches.
The Chief Commissioners of Oudh, Central Provinces, British Burmah, and Mysore and Coorg.
The Resident at Hyderabad.
The Agents to the Governor-General for Central India and Rajpootana.
The Superintendent of Port Blair and Chief Commissioner of the Andaman and Nicobar Islands.
The Inspector-General of Military Works.
The Chief Engineer, Punjab Northern (State) Railway.
The Engineer-in-Chief, Indus Valley (State) Railway.
The Superintending Engineers, Delhi and Agra Districts, Rajpootana (State) Railway, Holkar (State) Railway, Northern Bengal Railway Survey, Western Rajpootana Railway Survey, and Agra to Gwalior Railway Survey.
The Deputy Controllers, Indus Valley, Holkar, Rajpootana, and Punjab Northern (State) Railways.
The Accountant-General, Public Works Department.
The Governments of Madras and Bombay for information.

Copy of the following forwarded to the Local Governments and Administrations and Officers noted in the margin for information and guidance.

(By order.)

(Signed) J. E. STEEL, Captain, R.E.,
Offg. Under Secy. to the Govt. of India.

From the Government of India, Public Works Department, to the Officiating Accountant-General, Public Works Department, dated 19th May 1873, No. 738 E. G.

In reply to your memorandum No. 344 S. R., dated 5th instant, inquiring whether the three months' special leave allowed under Public Works Code II, iv 28, to Assistant Engineers to enable them to study Native languages can be taken in instalments, I am directed to observe that it was not intended as a general rule that the leave should be so taken, but there is no objection to this course being adopted in exceptional cases when the authority competent to grant such leave thinks it desirable, in the interests of the public service, that the leave should be given in instalments.

No. 25. Order thereon, 2nd July 1873, No. 1,708.

ESTABLISHMENT, No. 2.

Ordered to be recorded.

(True Extract.)

Colonel, R.E.,
Secretary to Government.

To the Officiating Controller of Public Works Accounts.

Exd. E. C. Shunker.

Spare Copies.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Irrigation.
Account.

READ—the following papers :—

From the Superintending Engineer,	VI Circle,	dated	28th Nov. 1904,	No.	865 C.E.
To the ,,	VI ,,	,,	3rd Dec. ,,	,,	4091.
From the ,,	VI ,,	,,	25th April 1905	,,	286 C.E.

ENCLOSURE.

REPORT to accompany the estimate for constructing a head sluice and cutting a new channel for the irrigation of the ayacut depending upon Kuliyanur anicut, Periyakulam taluk.

	RS.
Amount of estimate	4,100

This anicut which consists of a skin wall of brick protected with loose apron in rear was in such a dilapidated condition that Colonel Pennycuick remarked in his No. 1047/P.R. of 4th July 1890 that it is not worth rebuilding. It has breached at both ends after the introduction of Periyár water in 1895.

The ryots owning lands under the anicut take water through the old channel with great difficulty.

The lands under the anicut could be supplied from Marcayancottai anicut as suggested by Colonel Pennycuick in the note referred to in paragraph 1 *supra*, if the Zamindar of Bodinaickanur would consent to irrigate the wet lands under the zamin Kuchanur anicut from the above anicut. As the zamindar would not even allow the department to build a head sluice to the zamin Kuchanur channel, it is proposed to irrigate Kuliyanur lands from Kottur anicut.

A head sluice will be constructed at the left flank of the Kottur anicut and a new channel cut from it through Kuchanur lands for about 3,700 feet in length as far as the present channel. A drop will be constructed at 3,200 feet to meet the fall of the country. An aqueduct will be built at 840 feet to irrigate the zamin wet lands to the right of the proposed channel.

Provision is made for the acquisition of lands required for the new channel.

The work will be carried out in accordance with the current departmental standard specifications.

(Signed) A. V. RAMALINGA AIYAR,
Executive Engineer, Madura Division.

29th January 1904.

Note by the Chief Engineer for Irrigation.

The Kuliyanur anicut across the Vyravanar in the Madura division has long been in a ruined condition and no attempt was made to restore it as, owing to the smallness of its ayacut, it was considered that the cost of its restoration would be prohibitive. As the ryots owning lands under the anicut experience great difficulty in taking water through the old channel, it is proposed to build a head sluice at the Kottur anicut lying immediately above the Kuliyanur anicut and to excavate a channel therefrom for the supply of the lands in question. With the first of the papers read above the Superintending Engineer, VI Circle, submitted an estimate, amounting to Rs. 4,100, which provides for the head sluice and the channel above

referred to with an iron pipe aqueduct at 840 feet to irrigate the zamindari wet lands situated on the right side of the channel and a drop at 3,200 feet to meet the fall of the country.

2. In this office Memorandum No. 4091, dated 3rd December 1904, the Superintending Engineer was requested to obtain the opinion of the Collector on the proposed works and to report whether the provision of Rs. 1,860 made in the estimate for land compensation was fixed in consultation with the local Revenue authorities. The Superintending Engineer now forwards a copy of the correspondence between the Executive Engineer and the Collector, from which it will be seen that the latter officer has no objection to the execution of the works, provided that spring water is not interfered with by the Kuliyanur ryots during the period when the supply from the Periyár is not available. With reference to this condition it is reported by the Executive Engineer that spring water will not be diverted into the new channel when there is no supply from the Periyár.

3. As regards the provision made in the estimate for compensation for the land proposed to be acquired it is stated that the Collector's valuation is Rs. 700 an acre against the rate of Rs. 500 shown in the estimate. The increase under this head and the alteration made in this office in the height of the wings and returns in rear of the proposed drop have raised the amount of the estimate to Rs. ~~4,890~~ 4980 which is recommended for sanction.

(Signed) A. H. GARRETT,
Chief Engineer for Irrigation.

26th May 1905.

Order—No. 558 I., dated 9th June 1905.

The following estimate is sanctioned :—

Provincial.
43. Minor Works and Navigation.
Class IV.—Other Minor Works and Navigation for which neither Capital nor Revenue nor Individual Accounts are kept.—(a) in charge of Public Works Department.
Madura Division.
Original Works.
Constructing a head sluice to the Kottur anicut and excavating a channel therefrom.

	RS.
Estimate	~~4,890~~ 4980

2. This sanction is registered as No. 35 I. of 1905–1906.

(True Extract.)

(Signed) A. H. GARRETT,
Joint Secretary to Government,
Irrigation Branch.

To the Chief Engineer for Irrigation.
,, Superintending Engineer, VI Circle, with plans and estimates.
,, Examiner, Public Works Accounts.
,, Revenue Department.

Exd. P. Sankaran Nayer.

…ublic Works 1873 Dep…

No. 3…

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

ESTABLISHMENT.

General.

To

CIRCULAR No. 28 PUBLIC WORKS.

Dated SIMLA, *May* 19, 1873.

Received June 18th

Leave to Assistant Engineers to stu…
…Native languages.

P. W. D. Press—30-5-73—34.

Recorded.

Stock Form No.
3,000—18-7-02.

4/7

Public Works (1904.) Department.

CURRENT No. 5336

From

[Name] C. J. U S S H E R Esquire.,

[Designation] Superintending Engineer, VI Circle,

[Station] Trichinopoly.

No. 865 CE

Dated 28 November 1904.

Enclosures {Plans 6, Others 1} Total. 7

Spare copies

Received 30. 11. 1904.

Registered [illegible] 1904.

Passed on, by—

Registering Clerk 190 .

U. R. Clerk 190 .

Referencer 190 .

Record Supdt. 190 .

Drafting Officer 190 .

SUBJECT

Constructing a head sluice at [illegible] anicut. Forwarding for sanction an estimate Rs 4100 for —

BACK PAPERS.

Papers
[illegible]

FURTHER PAPERS.

[illegible] 6/1/05

[illegible] 3/11/04

5/8

To

The ~~Secretary to Government~~ Chief Engineer, ~~Public Works Department.~~

Enclosures:-7.
1 Survey.
1 Level Section.
1 Land Survey.
3 Masonry plans.
1 Este. complete with report.

For Irrigation,

MADRAS.

I have the honor to forward for approval and sanction, an estimate amounting to Rs.4,100, for constructing a Head - sluice at Kottur Anicut, and cutting a new channel therefrom for the irrigation of the ayacut under the command of the -- Kuliyanore anicut, in Periyakulam Taluk, Madura District.

2. The Kuliyanore anicut is the 10th of a series of anicuts across the Suriliyar river. It was breached about 28 years ago. The total ayacut under the command of the anicut is - 194 acres of which half is direct, and half is tank irrigation. A survey is forwarded shewing the position of the anicuts referred to in the report.

3. Col. Pennycuick R.E., in his notes printed with G.O.No.-324-I, dated 10th April 1891 on anicuts in Vyravanar and Suriliyar rivers, has remarked that the Kuliyanore anicut is in ruins, and the irrigation under it being small, it is not -- worth re-building it, but the lands may be supplied by a continuation of the Markiankottai channel, but, for the reasons given in the Report attached to the estimate, this was found to be impracticable. The Kottur ryots object to the proposal now made and they have also petitioned to you (petition forwarded to me for disposal with your No.VI/21-M.D. dated - 10th June 1896) but their contention was found to be frivolous.

4. The scheme consists in the construction of a Head sluice at a cost of Rs.390, digging a new channel at Rs.1,290, constructing a masonry drop at Rs.330, and a pipe aqueduct at - Rs.130, and compensation for land required for the channel -

No. 3532 3

Govt. of {1873} Madras.

PUBLIC WORKS.

To the Comptroller of P. W. Accounts

Dated

Recd. Encl.

G. O., 2nd July 1873, No. 1708.

Nos. 24 & 25

Leave. Circular from the Govt of India relating to the grant of leave to asst Engrs to study ~~[illegible]~~ the vernacular, recorded.

at Rs.1,910. Plans for the masonry works and level sections of the new channel are also forwarded. The estimate is recommended for sanction.

I have the honor to be,

Sir,

Your most obedient servant,

Superintending Engineer,

VI Circle.

2 / 5

Report to accompany the estimate for constructing a head sluice and cutting a new channel for the irrigation of the ayacut depending upon Kulianur anicut, Periyakulam Taluq.

280

Amount of Estimate... ... ...Rs. ~~4,230~~ ~~3990~~ 4100-

This anicut which consists of a skin wall of brick protected with loose apron in rear was in such a dilapidated condition that Col. Pennicuick remarked in his No.1047/P.R. of 4th July 1890 that it is not worth rebuilding. It has breached at both ends after the introduction of Periyar water in 1895.

+ Page 12 of G.O. No. 324 of 10-4-1891 flagged I

The ryots owning lands under the anicut take water thro' the old channel with great difficulty.

CHIEF ENGINEER FOR IRRIGATION.
30 NOV 1904
No. 5336

The lands under the anicut could be supplied from Marcayancottai anicut as suggested by Col. Pennicuick in the note referred to in para 1 supra. If the Zemindar of Bodinaickanur would consent to irrigate the wet lands under the Zemin Kuchanur anicut from the above anicut. As the zemindar would not even allow the department to build a head sluice to the Zemin Kuchanur channel, it is proposed to irrigate Kuliyanur lands from Kottur anicut.

A head sluice will be constructed at the left flank of the Kottur anicut and a new channel cut from it through Kuchanur lands for about 3700 feet in length as far as the present channel. A drop will be constructed at 3200 feet to meet the fall of the country. An aqueduct will be built at 840 ft. to irrigate the zemin wet lands to the right of the proposed channel.

Provision is made for the acquisition of lands required for the new channel.

The work will be carried out in accordance with the current departmental standard specifications.

A. V. Ramalingam 24/11

Executive Engineer,

Madura Division.

No 4091
3. 12. 04

8

Memorandum.

With reference to the concluding portion of para 3 of his letter --- No. 865 C.E., dated 28th ultimo, the Supg. Engineer, 6th Circle, is requested to be so good as to obtain the Collector's opinion on the proposal if it has not already been given.

It is requested that it may -- also be reported whether the provision of Rs1,860 in the estimate for land compensation is based on information obtained from the Revenue Department.

2/12/04

2.12.04

DESPATCHED
DATE 3.12.1904
ENCLOS.................

To

The Supg. Engineer, 6th Circle.

1-12.04

8CB

I think there is no harm in retaining the [illegible] received with the current, as the same will be returned with the reply.

3/12/04 The plans & estimate may be checked in the meantime in the office, unless specially asked for by the Collector for [illegible]

3-12-04

9 ~~23~~

Stock Form No. 3,?00—18-7-02.

Public Works (1905.) Department.

CURRENT No. 2103

From

[*Name*] C. A. S M I T H Esquire.,

[*Designation*] Superintending Engineer, VI Circle,

[*Station*] Trichinopoly.

No. 286 CE

Dated 25 April 1905.

Enclosures { *Plans* / *Others* } *Total.*

Spare copies ...

Received 2. 5. 1905.

Registered [illegible] 1905.

Passed on, by—

Registering Clerk 190 .

U. R. Clerk 190 .

Referencer 190 .

Record Supdt. 190 .

Drafting Officer 190 .

SUBJECT

Head sluice to Kottur Anicut. Informing there will be no objection to the construction of —

BACK PAPERS. Papers

FURTHER PAPERS.

[illegible] 2/5/05

[illegible] 2/5

10

To

The Chief Engineer ~~Secretary to Government~~, ~~Public Works Department.~~

For Irrigation,

Enclosures:-2.

MADRAS.

Page 2 1 J.C. Jn.

Reference:- Your No.4091, dated 3rd December 1904.

I have the honor to forward copies of Executive Engineer's No.233-S.E. dated 1st April 1905 with its enclosures from which it will be seen that the Collector considers that there is no - objection to the execution of the work provided that the spring water when Periyar water is shut off is not interfered with.

As regards amount of compensation it seems advisable to allow Rs.700 per acre.

As I have no copy of the estimate here I do not know -- how many acres have been allowed for but if the rate differs -- from Rs.700 I request that it may be altered in the Chief Engineer's office before sanctioning the estimate.

I have the honor to be,

Sir,

Your most obedient servant,

A Smith
25/4

Superintending Engineer,

VI Circle.

P 10/10
5827/05

20/4/05

CHIEF ENGINEER
FOR IRRIGATION
2-MAY 1905
2103

11/25

Copy of communication No.D.Dis.213-Rev of 1905, -- dated 16th February 1905 from the Tahsildar of Periya-kolam to Sub Collector of Dindigul.

Adverting to your No.R.O.C.154-Collr. of 1905, dated 30th January 1905 (enclosed) I beg to report that I have inspected the Kottur and Kuliyanore anicuts and the course of the proposed channel from Kottur anicut to irrigate Kuliyanore wet lands.

2. The Kuliyanore ryots have no objection to the - irrigation of their lands by the proposed channel from Kottur anicut. The ryots of Kottur village object to the opening of the channel from their anicut on the ground that the supply to their channel would thereby be diminished. I do not think this objection of the Kottur ryots is valid. But as regards the spring waters in the non-Periyar season their objection seems reasonable and the Kuliyanore ryots ought not to be allowed to interfere - with the spring water - Subject to this condition the - construction of a head sluice at the Kottur anicut and opening of a new channel therefrom for Kuliyanore lands may be allowed.

3. The lands adjoining the site of the proposed -- channel are priced at Rs.600 to Rs.700 an acre. Some - sale deeds recently executed in respect of these lands were also produced before me.

D.Dis.546-Rev. of 05, dated 22-1-05.

Forwarded to the Collector of Madura, with reference to his R.O.C.154-Gl, of 05, dated 26th January 05.

2. I endorse the Tahsildar's opinion with regard - to the spring water in the non-Periyar season.

3. The enclosures received with the letter under - reference and the papers of enquiry submitted by the --

26 / 12

Tahsildar are herewith forwarded.

Sd/:- B.S.Venkateswara Iyer,

For Sub-Collector.

(True Copy)

R.Dis.250/Rev. of 05.

Communicated to the Executive Engineer, Madura Division, for information with reference to his letter No.108-M, dated 11th January 1905 (the enclosure to which is returned herewith).

2. The new channel from the Kottur Anicut may be constructed on the understanding that the spring water in the non-Periyar season is not diverted into the new channel.

Sd/:-

For Collector.

(True Copy)

Sd/:- A.V.Ramalinga Iyer,

Executive Engineer,

Madura Division.

(True Copy)

A Smith
25/4

Superintending Engineer,

VI Circle.

PW
552/05

13 27

CHIEF ENGINEER FOR IRRIGATION
2-MAY 1905
2103

Copy of letter No.233-S.E., dated 1st. April 1905, from M.R.Ry, A.V.Ramalinga Iyer Avl., Executive Engineer, Madura Division, to the Superintending Engineer, VI Circle, Trichinopoly.

Page 21 g.c.f.

With reference to your No.4873 dated 11th December 1904 on Irrigation Chief Engineer's No.4091 dated 3rd - December 1904, I have the honor to forward herewith a - copy of Collector's reply giving his opinion on the proposal for excavating a channel from Kottur anicut to irrigate Kuliyanore wet lands. It will be seen from his reply, that he finds no objection to the proposals made and that the value of lands varies from Rs.600 to 700. I - have the honor to inform you that no spring water in the non-Periyar season - will be diverted in the new channel and that the rate of Rs.700 can safely be taken as the price per acre lest the estimate cost may not be exceeded.

[signature]
25/4
Superintending Engineer,
VI Circle.

[initials]

E. I. Form No. 43—1,000—4-7-04.

~~15~~ 14

REMINDER.

MEMORANDUM.

The undersigned has the honor to request the Superintending Engineer 6th Circle to be good enough to expedite his reply to the reference noted below.

(By Order.)

[signature]

Asst. Chief Engr. for Irrigation.

Chepauk, 24 - 3 1905. } [initials] 23-3-05

No. 4091 dated 3 . 12 . 04

Construction of Head Sluice at Kottur Anicut.

Requesting S. E. to obtain the opinion of the Collr: on the proposal in connection with the — — if it has not already been given & to report whether the provision of Rs 1860 in the est: for land compensation is based on information obtained from the Rev: Deptt.

DESPATCHED
DATE 24-3-1905
LOS........

Shw. C.E.I.

To

The Superintending Engineer,

6th Circle.

[initials] 23.3.05

[initials] 23/3/05

15/1

P.W.D., Irrigation Branch.

C.No.5336.

D.E.I.

With reference to the concluding sentence of para 3 of the Supg. Engineer's letter it is submitted that the Supg. Engineer may be asked to obtain the Collector's opinion on the proposal. if it has not already been given.

It is not also stated if the provision of -- Rs 1,860 in the estimate for land compensation is based on information obtained from the Revenue --- Department.

LR.
1.12.04

Yes. we must have Rev. este for the land

ZWH
1/12

1.12.04

(C.No.2103) From the Supg.Engineer VI Circle No.286 C.E. d/25-4-05.

D.I.

p 21 c file

In Memo No.4091 dated 3rd December 1904 the -- Supg.Engineer was addressed on the points referred to in the foregoing note. He now forwards correspondence between the Executive Engineer and the Collector in which the latter officer considers that there is no objection to the ~~extension~~ execution of the work provided that the spring water in the non-Periyar season is not interfered with. The Executive Engineer states that no spring water in the non-Periyar season will be - diverted in the new channel. As regards the land - compensation it is reported by the revenue officers that the value of lands at the site varies from Rs.600 to Rs.700. The Executive Engineer and the Supg.

16

Supg. Engineer recommend that it is advisable to allow Rs.700 per acre and that the estimate may be altered accordingly. The rate allowed in the estimate is -- Rs.500 per acre.

Orders are requested if the estimate may be -- checked for sanction and the alteration suggested by the Supg. Engineer as regards land compensation made.

DR
2.5.05

There seems no objection to the proposal, it is not very clear whether in spite of the breaching of the Kuliam anicut it is still partially effective & if so whether the ryots do not at present get some spring water but it can be left as it is, & they can bund up the breach for spring water if they like,

[illegible]
4/5/05.

Est can be checked for sanction, and compensation allowed for at the rate of Rs 700 per acre

[illegible]
4.5.05

CE
[illegible]

[E. I. Form No. 42—600—23-8-04.]

~~20~~ 17

Public Works Department,

Irrigation Branch.

D.E.

for orders

Current No. 5336. / 30-11-04 . 2103 / 2-5-05

Letter No. 865 CE / 28-11-04 . 286 / 25-4-05

Dated 28-11-04 – 25-4-05

From The S.E. VI circle. (C.J. Weller).

Prepared by Ex. Engr. Madura Dn. (Mr. Ramalingam Iyer)

NOTE by Technical Section.

Name of work. Constructing a head sluice and cutting a channel from Kottur anicut - Periyakulam taluk Madura ~~District~~ -

Amount of Estimate Rs. 4100.

Kolianur anicut which is the 10th anicut across the Suruliyar river is stated to be in a ruined condition and that it is not worth rebuilding. The extent of cultivation under the Command of this anicut is 194 acres and the ryots feel much difficulty in taking water through the old chl for irrigation. It is therefore proposed to Excavate a new chl. from the left flank of the Kottur anicut (the one above the Kolianur anicut) to meet the present chl from the Koliyanur anicut and to Construct a head sluice at its head with regulating means -

New channel. The new chl. from the head to its junction with old chl from the Kolianur anicut is about 3700 ft long with 3 ft bed width, depth at F.S.L. 1½ ft slope 1 to 1 + fall 2 ft per mile. Disch = 8.75 cft per second. The Earth available from cutting will be thrown on the left and formed into a bank of 6 ft top width + slopes 1½ to 1.

Head sluice. Consists of single vent 2' x 1'-9": sill of head sluice = 48.00. Crest of Anicut (Kotur) 50.00 F.S.L. in rear 1'-9" = 49.75; head available 3" or .25 ft. Discharge = 8.75 cft per second. Soil = loam; subsoil = kunkar at 42.00. depth of Concrete foundations = 3 ft. The bottom width of the rear returns has been increased from 2'-6" to 3 ft. being surcharged. The tunnel is to be formed of concrete in surki mortar having vent way 2 x 2 with segmental arched head 6" rise. The face walls wings & returns are proposed to be built of rubble in surki mortar.

App^d.

Aqueduct at 840 ft. An iron piped aqueduct is proposed to be built (at 840 ft below the head of the chal) to carry an irrigation chal over the chal to command certain zemin lands lying on the right of the chal. 3 iron pipes of 6" dia are provided over the chal. The pipes are allowed to rest on 2 cutstone posts 9" x 6". Earthen pipes of 6" dia are allowed to carry the irrign chal under the chal bank. The rate of Rs 2 per foot run of iron pipes being inadequate, has been increased to Rs 3 on calculation. Extent of cultivation under this irrigation chal has not been given. Estimate has been increased by Rs 30.

Proposed drop at 3200 ft. A drop of 5 ft is proposed to be constructed at 3200 ft or about 500 ft above its junction with the old chal from the Koliarur anicut ~~to~~ meet the fall of the country. Chal bed above = 46.89 bed below = 41.89. Crest of the drop is placed at 47.89 or 1 ft above the bed of the chal. There is no irrigation above the drop. It is not clear why the crest should be 1 ft above the bed. The waterway may also be reduced to 1½ ft. The wings next to the body may

~~2~~ 3 9

may be raised to 51.89 + the top of the returns ~~may~~ to 45.89 (ground level.) as shewn in pencil.
These alterations will increase the Estimate of the drop from Rs. 380 to Rs. 450-. Excess Rs 70.

Land Compensation. The value of the land has now been increased from Rs 500 to Rs 700 per acre as per E.E's orders and the amount of this item has been increased from Rs. 1910 to Rs 2690.

From the sections of the Khal it appears that a bank is to be formed on the left from the earth available from Cutting. It seems that the proposed bank should be on the right or river side. ×

Evidently a mistake – cross sections don't show which is left and which right – The bank should be on the right of channel ... [illegible]

The total Excess owing to the alterations

(1) to the Drop ——— 70

(2) In the rate for pipe aqueduct- 30

(3) " " land Compensation 780

Total Rs. 880

Orders are requested if the Estimate may be altered accordingly.

4100
880
4980

[illegible] [illegible] 11/5/05 [illegible] 11.V.05

Proposed alterations in drop approved

[illegible]

13/5/05

F.S.D. The estimate has been checked and the amount increased from Rs 4100 to Rs 4980. owing to the value of land to be acquired having been increased from Rs 500 to Rs 700 per acre as per intimation subsequently received, for [illegible] + returns in rear of the drop [illegible] + to the height of the wings [illegible]

[illegible] [illegible]

~~26~~ 20/

D.I.

Submitted that the draft order below may be forwarded to the Revenue Dept for acceptance before circulation to H.E.

asm
28.5.05.

Rev. U O

JWSS

29/5/05.

P. W. D. IRRIGATION
U. O. No. 232 D
Dated 29-5-1905

R.D.

Rev. Deptt.
U. O. R. No. 643
Dated 30-5-1905.

Sir

The draft may be accepted in Rev.

[signature]
30.5.05.

Accepted in R.D.

[signature] 1.6.05.

P.W.D. I. U.O.

P.W.D. Irrigation

D.I.

Submitted that the draft order may now be circulated to H.E.

asm
2.6.05.

JWSS
3/6/05

Approved

[signature]
4-6-05

28 H.E.

P.W.C.No. 5527
Recd 7.6.05
Regd 8.6.05

21

enclos 19 (6 plans)

PUBLIC WORKS DEPARTMENT,
IRRIGATION BRANCH.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Constructing a head sluice at the Kottur anicut & excavating a channel therefrom -

READ the following

From the Supg: Engineer VI Circle d/28th November 1904 No.865 C.E
To - - - - - - - d/3rd December 1904 No.4091
From - - - - - - - d/25th April 1905 No.286 C.E.

Note by the Chief Engineer
for Irrigation.

The Kuliyanur anicut across the Vyravanar in the Madura Division has long been in a ruined condition and no attempt was made to restore it as, owing to the smallness of its ayacut, it was considered that the cost of its restoration would be prohibitive. As the ryots owning lands under the anicut experience great difficulty in taking water through the old channel it is proposed to build a head sluice at the Kottur anicut lying immediately above the Kuliyanur anicut and to excavate a channel therefrom for the supply of the lands in question. With the first of the papers read above the Supg.Engineer, VI Circle, submitted an estimate amounting to Rs.4,100, which provides ~~not only~~ for the head sluice and the channel above referred to ~~but also for~~ with an iron pipe aqueduct at 840 feet ~~in order~~ to irrigate the Zamindar wet

1807

Quote - Print report

IWSS
D.J. 5/6/05

3.P.

Issue
4.6.05

K.D.

Page 2 of C. file

CU
Please stamp plans and return file
7/6/05

H.D. Plans stamped 7/6/05

C.S.

2

22 ~~29~~

wet lands situated on the right side of the channel and ~~also~~ a drop at 3200 feet to meet the fall of the country.

2. In this office Memo No.4091 dated 3rd December 1904, the Supg.Engineer was requested to obtain the opinion of the Collector on the proposed works ~~and~~ to report whether the provision of Rs.1,860 made in the estimate for land compensation was fixed in consultation with the Local Revenue Authorities. The Supg.Engineer now forwards a copy of the correspondence between the Executive Engineer and the Collector, from which it will be seen that the latter officer has no objection to the execution of the works, provided that spring water is not interfered with by the Kuliyanur ryots during the period when the supply from the Periyar is not available. With reference to ~~this~~ *this* condition it is reported by the Executive Engineer that spring water will not be diverted into the new channel when there is no supply from the Periyar.

Page 21 of c.f.

Page 25 of c.f.

Page 27 of c. file

3. As regards the provision made in the estimate for compensation for the land proposed to be acquired ~~for the works~~ it is stated that the *Collector's* valuation ~~of the land as made by the Collector~~ is Rs.700 an acre against the rate of Rs.500 shown in the estimate. The increase under ~~the above~~ *this* head and the alteration made in this office in the height of the wings and returns in rear of the proposed

Page 24 of c.f.

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23

proposed drop have raised the amount of the estimate to Rs. ~~4,890~~ 4980 which is recommended for sanction.

Order thereon 55-89. ~~~ 9.6.05.

The following estimate is sanctioned:-

Provincial

43 Minor Works & Navigation

Class IV Other Minor Works and Navigation for which neither Capital nor Revenue nor Individual Accounts are kept. (a) in charge of P.W.D.

Madura Division

Original Works

Constructing a head sluice to the Kottur Anicut and excavating a channel therefrom

Estimate ------- Rs. ~~4,890~~ 4980

2. This sanction is registered as No. 35 I of 1905-06.

26/5/05.

26.5.05

4-6-05

To

The Chief Engr. for Irrgn.
" S.E.VI Circle with plans & Estes.
" Examiner P.W.Accounts.
" Revenue Dept

24.5.05

DESPATCHED
1 JUL 1905

5.8

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